



TJK/408

**IN THE UNITED STATES PATENT AND TRADEMARKS OFFICE**

In re Application of: Hwang et al.	)	ATOMIC LAYER
	)	DEPOSITION METHOD
Serial No.: 10/645,169	)	AND SEMICONDUCTOR
	)	DEVICE FABRICATING
Filed: 08/19/2003	)	APPARATUS HAVING
	)	ROTATABLE GAS
	)	INJECTORS
	)	Group Art Unit:

**INFORMATION DISCLOSURE STATEMENT**

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P.O. Box 1450  
Mail Stop:  
Alexandria, VA 22313-1450

Sir:

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together with copies of the listed patent references.

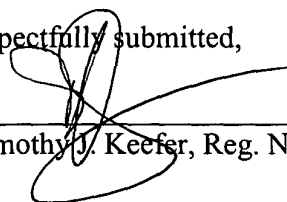
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2126. An extra copy is enclosed.

Date: 9/16/03

Wildman, Harrold, Allen & Dixon  
225 West Wacker Drive  
Chicago, IL 60606  
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Respectfully submitted,

By:   
Timothy J. Keefer, Reg. No. 35,567

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Theridley Fitch



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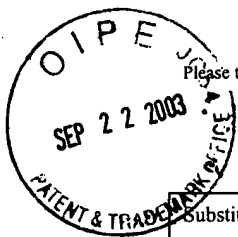
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/645,169
				Filing Date	08/19/2003
				First Named Inventor	
				Group Art Unit	
Examiner Name				Attorney Docket Number	TJK/408
Sheet	1	Of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	3,696,779		Murai et al.	10/10/72	
	2	3,783,822		Wollman	01/08/74	
	3	4,058,430		Suntola et al.	11/15/77	
	4	5,062,386		Christensen	11/05/91	
	5	5,281,274		Yoder	01/25/94	
	6	5,302,209		Maeda et al.	04/12/1994	
	7	5,314,538		Maeda et al.	05/24/94	

FOREIGN PATENT DOCUMENTS								
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind code <sup>5</sup> (if known)				

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<b>Sheet</b>	2	<b>Of</b>	2	<b>Attorney Docket Number</b>	TJK/408

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	8	5,338,362		Imahashi	08/16/94	
	9	5,702,532		Wen et al.	12/30/97	
	10	5,730,802		Ishizumi et al.	03/24/98	
	11	2002/0043216	A1	Hwang et al.	04/18/02	
	12	2003/0044533	A1	Lee	03/06/03	

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